

SCONA TPPE 5002 GALL

Product code: 000000000000128695

Version 4.0 SDS_APJ_MY

Revision Date 01.03.2023

Print Date 21.08.2023

SECTION 1: Identification of the hazardous chemical and of the supplier**Product identifier**

Product name : SCONA TPPE 5002 GALL

Recommended use : Coupling agent for wood and natural fibre reinforced polypropylene, coupling agent in high filled (aluminiumhydroxide or magnesium hydroxide) PE cables, coupling agent in glass-fibre reinforced PE

Manufacturer or supplier's details

Company : BYK-Chemie GmbH

Address : Abelstrasse 45
46483 Wesel

Telephone : +49 281 670-23532

Telefax : +49 281 670-23533

E-mail address : GHS.BYK@altana.com

Emergency telephone number : +60 3 6207 4347 (Malay and English)
+65 3158 1074 (All languages)

SECTION 2: Hazards identification**Classification of the hazardous chemical**

Not a hazardous substance or mixture.

Label elements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

Contaminated surfaces will be extremely slippery.
Take precautionary measures against static discharges.
Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours.

SECTION 3: Composition and information of the ingredients of the hazardous chemical

Substance / Mixture : Polymer

Chemical nature : Carboxylated Linear Low Density Polyethylene (maleic anhydride)

Components

No hazardous ingredients

SECTION 4: First aid measures

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General advice	:	Do not leave the victim unattended.
If inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of eye contact	:	Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
If swallowed	:	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	:	None known.

SECTION 5: Firefighting measures**Extinguishing media**

Suitable extinguishing media	:	Foam Carbon dioxide (CO ₂) Dry chemical Water
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Unsuitable extinguishing media	:	High volume water jet
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Physicochemical hazards arising from the chemical

Hazardous combustion products	:	Carbon oxides
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Special protective equipment and precautions for fire-fighters

Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.
Specific extinguishing methods	:	Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures	:	Avoid dust formation. Use non-slip safety shoes in areas where spills or leaks can occur.
Environmental precautions	:	Do not allow contact with soil, surface or ground water.

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Do not let product enter drains.

Methods and materials for
containment and cleaning up : Pick up and arrange disposal without creating dust.
Sweep up and shovel.
Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage**Handling****Precautions for safe handling**

Advice on protection against
fire and explosion : Provide appropriate exhaust ventilation at places where dust
is formed.

Advice on safe handling : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the
application area.

Storage**Conditions for safe storage, including any incompatibilities**

Conditions for safe storage : Electrical installations / working materials must comply with
the technological safety standards.

Further information on
storage conditions : Keep containers tightly closed in a dry, cool and well-
ventilated place.
Protect from moisture.

Materials to avoid : No materials to be especially mentioned.

Recommended storage
temperature : < 40 °C

Further information on
storage stability : Keep in a dry place.
No decomposition if stored and applied as directed.

SECTION 8: Exposure controls and personal protection**Control parameters**

Contains no substances with occupational exposure limit values.

Individual protection measures, such as personal protective equipment

Eye/face protection : Safety glasses

Skin protection : Protective suit

Hand protection
Material : Protective gloves

Remarks : When handling hot material, use heat resistant gloves.
Wear suitable gloves.

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Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene measures : General industrial hygiene practice.

SECTION 9: Physical and chemical properties

Appearance : powder

Colour : light yellow

Odour : characteristic

Odour Threshold : No data available

pH : insoluble

Melting point/range : 115 - 132 °C
Method: DIN 53461

Initial boiling point : Not applicable

Flash point : Not applicable

Evaporation rate : No data available

Upper explosion limit / Upper flammability limit : Not applicable

Lower explosion limit / Lower flammability limit : Not applicable

Vapour pressure : Not applicable

Relative vapour density : No data available

Relative density : No data available

Density : ca. 0.93 g/cm³
Method: DIN 53479

Bulk density : 0.45 - 0.55 g/cm³ Method: DIN 53466

Solubility(ies)

Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

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Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	> 350 °C
		No data available
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable

SECTION 10: Stability and reactivity

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Stable under recommended storage conditions. No hazards to be specially mentioned. Dust may form explosive mixture in air.
Conditions to avoid	:	No data available
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	Stable under recommended storage conditions.

SECTION 11: Toxicological information

Information on likely routes of exposure : None known.

Acute toxicity**Product:**

Acute oral toxicity : Remarks: No data available

Skin corrosion/irritation**Product:**

Remarks : No data available

Serious eye damage/eye irritation**Product:**

Remarks : No data available

Respiratory or skin sensitisation**Product:**

Remarks : No data available

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Repeated dose toxicity**Product:**

Remarks : No data available

Further information**Product:**

Remarks : No data available

SECTION 12: Ecological information**Ecotoxicity****Product:**Toxicity to fish :
Remarks: No data availableToxicity to daphnia and other :
aquatic invertebrates Remarks: No data available**Persistence and degradability****Product:**

Biodegradability : Remarks: The polymer is too large to be bioavailable.

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: Does not significantly accumulate in organisms.

Mobility in soil**Product:**

Mobility : Remarks: The product is insoluble and floats on water.

Other adverse effects**Product:**Additional ecological : No data available
information

SECTION 13: Disposal information**Disposal methods**Contaminated packaging : Empty containers should be taken to an approved waste
handling site for recycling or disposal.

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SECTION 14: Transport information**International Regulations****UNRTDG**

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable

IATA-DGR

UN/ID No. : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Packing instruction (cargo aircraft) : Not applicable
Packing instruction (passenger aircraft) : Not applicable

IMDG-Code

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
EmS Code : Not applicable
Marine pollutant : Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Special precautions for user

Not applicable

SECTION 15: Regulatory information**Safety, health, and environmental regulations specific for the hazardous chemical**

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.

Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.

SECTION 16: Other information

Date format : dd.mm.yyyy

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Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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